



7510-395-142

Material Safety Data Sheet

1.0 Product and Company Identification

Identification of the preparation

HP LaserJet Cartridge C8061A/X

Company identification

Hewlett-Packard Company
11311 Chinden Boulevard
Boise, Idaho 83714
United States

Emergency telephone number Hewlett-Packard Health Effects Line

1-800-457-4209 (USA and Canada)
Intl +1-503-494-7199 (all other areas)
Singapore: +001-800-332-13321

General information telephone number

1-208-323-2551 (USA and Canada)
Intl +1-208-323-2551 (all other areas)

Local Contact Information

Ireland

Liffey Park Technology Park
Barnhall Road Leixlip, Co.
Kildare, Ireland
Phone: 01 6150000

United Kingdom

Hewlett-Packard, Ltd.
Cain Road, Amen Corner
Bracknell, Berkshire, RG12 1 HN
Phone: 1344 36-0000

Hazard Rating	US NFPA/HMIS
Health	1
Flammability	1
Instability/Reactivity	0
Special	N/A

2.0 Composition/Information on Ingredients

This product is a toner preparation that is used in Hewlett-Packard LaserJet 4100 printers and mfps.

Component/Substance	CAS Number	EU Number	% by Weight	Risk Phrases
Styrene Acrylate Copolymer			40 - 50	
Iron Oxide	1317-61-9	215-277-5	40 - 50	

3.0 Hazard Identification

The preparation is not classified according to EU Directive 1999/45/EC



7510-395-142

Material Safety Data Sheet

Routes of Exposure

Inhalation, Ingestion, skin and eyes.

Acute Health Hazards

Inhalation: Minimal respiratory tract irritation may occur with exposure to large amounts of dust.

Ingestion: Low acute toxicity. Ingestion is a minor route of entry for intended use of this product.

Skin: Unlikely to cause skin irritation.

Eyes: May cause transient slight irritation.

Chronic Health Hazards

Prolonged inhalation of excessive amounts of any dust may cause lung damage. Use of this product as intended does not result in inhalation of excessive amounts of dust.

Carcinogenicity

Refer to section 11.

4.0 First Aid Measures

Inhalation: Move person to fresh air immediately. If symptoms occur, consult a physician.

Ingestion: Rinse mouth with water. Drink one to two glasses of water. If symptoms occur, consult a physician immediately.

Skin: Wash affected areas thoroughly with soap and water. If irritation persists, consult a physician.

Eyes: Do not rub eyes. Immediately flush with large amounts of clean, lukewarm water (low pressure) for at least 5 minutes or until particles are removed. If irritation persists, consult a physician.

5.0 Fire Fighting Measures

Extinguishing media: CO₂, water, dry chemical

Unsuitable Extinguishing Media: None known

Special Firefighting Procedures: None

Unusual fire and explosion hazards: Like most organic material in powder form, toner can form explosive dust-air mixtures when finely dispersed in air.

Auto-ignition temperature: Not available

Flashpoint (method): Not applicable

Hazardous Combustion Products: CO₂, CO



Material Safety Data Sheet

6.0 Accidental release measures

- Spill or leak procedures** Avoid breathing dust. Minimize the release of particles. Slowly sweep the material into a bag or other sealed container. Clean remainder with a damp cloth or vacuum cleaner. If a vacuum is used, the motor must be rated as dust tight. Dispose of waste toner in accordance with local requirements.
- Environmental precautions** Do not discharge into drains (See also Section 13, Disposal Considerations),

7.0 Handling and Storage

- Advise on safe handling and protection against fire** Keep material out of reach of children. Avoid inhalation of dust and contact with eyes. Use with adequate ventilation. Keep away from excessive heat, sparks, and open flames.
- Requirements for storage rooms and advise on storage compatibility** Keep out of the reach of children. Keep container closed and store at room temperature. Keep away from strong oxidizers.

8.0 Exposure control/ personal protection

Exposure Limit Values

USA OSHA (TWA/PEL):	15 mg/m ³ (Total Dust)
	5 mg/m ³ (Respirable Fraction)
ACGIH (TWA/TLV):	10 mg/m ³ (Inhalable Particulate)
	3 mg/m ³ (Respirable Particulate)
TRGS 900 (Luftgrenzwert):	10 mg/m ³ (Einatembare Partikel)
	3 mg/m ³ (Alveolengangige Fraktion)

Exposure Controls

Respiratory protection	Not required under intended use.
Ventilation	Good general ventilation should be sufficient under intended use.
Protective gloves	Not required under intended use.
Eye protection	Not required under intended use.
Other protective equipment	Not required under intended use.

9.0 Physical and chemical properties

pH	Not applicable
Boiling point	Not applicable
Flash point	Not applicable
Melting point	100 - 150°C (Softening Point)
Flammability	Non-flammable solid (according to test methods of EU Directive 92/69/EEC) 0 Flammability (Solids)
Explosive properties	Toner material, like most organic material in powder form, is capable of creating a dust explosion.



7510-395-142

Material Safety Data Sheet

Oxidizing properties No data available
Vapor Pressure Not applicable
Specific gravity (H₂O=1) 1.4 - 1.8
Solubility in water Negligible
Solubility in organic solvents Partially soluble in toluene and xylene.
Partition coefficient Not applicable
Viscosity Not applicable
Vapor density Not applicable
Evaporation rate Not applicable
Physical state Fine powder
Color Black
Odor Slight plastic odor
Other Decomposition Temperature: >200 °C

10.0 Stability and reactivity

Stability Stable under normal storage conditions
Incompatibilities Strong oxidizers
Hazardous decomposition products CO₂, CO
Hazardous polymerization Will not occur

11.0 Toxicological information

Refer to Section 3 for potential health effects and Section 4 for first aid measures

Inhalation: LC₅₀:inh-rat>5mg/L/4 hrs., not harmful.
Ingestion: LD₅₀:ori-rat>2000 mg/kg, not harmful.
Eye Contact: Not classified as irritant, according to OSHA Hazard Communication Standard (HCS) and EU Directive 67/548/EEC
Skin Contact: Not classified as irritant, according to OSHA Hazard Communication Standard (HCS) and EU Directive 67/548/EEC
Chronic Toxicity: No data available.
Sensitization: Not classified as a sensitizer according to EU Directive 67/548/EEC and OSHA HCS (US).
Mutagenicity: Negative, does not indicate mutagenic potential (Ames Test: Salmonella typhimurium)
Carcinogenicity: Not a known or suspected carcinogen according to any IARC Monograph, NTP, OSHA Regulations (USA), EU Directive, or Proposition 65 (California).
Reproductive Toxicity: Not classified as toxic according to EU Directive 67/548/EEC, California Prop. 65, or DFG (Germany).



7510-395-142

Material Safety Data Sheet

12.0 Ecological information

No data available for ecological and wastewater treatment (sewage) systems. Avoid spills and dispose of in accordance with applicable laws and regulations,

13.0 Disposal considerations

Do not put toner or toner cartridge into fire; heated toner may cause severe burns. Do not shred toner cartridge, unless dust-explosion prevention measures are taken. Finely dispersed particles may form explosive mixtures in air. Dispose of in compliance with federal, state, and local regulation.

14.0 Transportation information

Not a regulated article under DOT, IATA, ADR, or RID

UN Number None
Class None
Proper Shipping Name None
Packing Group None
Special Precautions None

15.0 Regulatory information

US EPA TSCA Inventory All ingredients are listed on TSCA inventory
US EPA TSCA 12(b) None
US California Proposition 65 None
EU Notification All components in this product are compliant with EU Inventory regulations.
EU R&S Phrase Information No European Risk Phrases (labeling data)
Dangerous Components None
(CAS No.) wt%
USA Labeling
Symbol Not required
Hazard Warning Not required
Safety Advice Not required
Hazardous Component(s) None

16.0 Other information

Date Prepared: August 1, 2002
HP-DMS Document Control Number: 09000de78022daf8

Revision Information: This document replaces all prior versions of the MSDS
EU Information This MSDS was prepared in compliance with EU Directive 91/155/EEC as amended by 2001/58/EC and USA OSHA Hazard Communications regulations (29CFR1910:1200)



7510-395-142

Material Safety Data Sheet

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